

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043893.D
 Acq On : 21 May 2021 16:46
 Operator : SY/MD
 Sample : M2475-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408MSD

Quant Time: May 22 00:54:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	220079	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218463	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123080	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51506	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.919	69	37754	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	2.575	65	25763	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.645	46	189973	61.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.14%
24) Chloroform-d	5.073	84	129356	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.710	65	64468	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.735	84	251752	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	81043	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.906	98	237450	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	8.185	79	30249	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.642	63	150409	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72017	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	92907	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	80834	5.04	ug/L	99
3) Chloromethane	1.523	50	87624	4.66	ug/L	99
5) Vinyl chloride	1.607	62	91131	4.88	ug/L	98
6) Bromomethane	1.864	94	49159	4.46	ug/L	99
8) Chloroethane	1.938	64	44995	4.28	ug/L	100
9) Trichlorofluoromethane	2.144	101	106430	4.91	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	81197	5.50	ug/L	97
12) 1,1-Dichloroethene	2.588	96	91502	6.30	ug/L	85
13) Acetone	2.652	43	114423	58.41	ug/L	98
14) Carbon disulfide	2.800	76	243077	5.00	ug/L	99
15) Methyl Acetate	2.964	43	29572	5.07	ug/L	92
16) Methylene chloride	3.054	84	86183	4.00	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	166472	5.06	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	81110	5.32	ug/L	94
19) 1,1-Dichloroethane	3.880	63	148816	5.40	ug/L	99
21) 2-Butanone	4.723	43	217546	58.08	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	85039	5.30	ug/L	96
23) Bromochloromethane	4.983	128	42587	5.64	ug/L	92
25) Chloroform	5.099	83	146648	5.37	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043893.D
 Acq On : 21 May 2021 16:46
 Operator : SY/MD
 Sample : M2475-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408MSD

Quant Time: May 22 00:54:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	89213	5.30	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	132513	5.82	ug/L	98
30) Cyclohexane	5.398	56	118512	4.69	ug/L	94
31) Carbon tetrachloride	5.533	117	102824	5.40	ug/L	98
33) Benzene	5.784	78	337324	5.34	ug/L	100
34) Trichloroethene	6.549	95	83568	5.15	ug/L	98
35) Methylcyclohexane	6.771	83	128795	5.11	ug/L	97
37) 1,2-Dichloropropane	6.800	63	85282	5.16	ug/L	99
38) Bromodichloromethane	7.115	83	102484	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	111001	5.05	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	518804	49.22	ug/L	97
42) Toluene	7.976	91	359845	5.42	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	97251	5.13	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	63816	5.37	ug/L	99
47) Tetrachloroethene	8.558	164	84771	6.47	ug/L	98
48) 2-Hexanone	8.693	43	390781	49.97	ug/L	97
49) Dibromochloromethane	8.816	129	72845	5.50	ug/L	98
50) 1,2-Dibromoethane	8.931	107	59896	5.36	ug/L	98
51) Chlorobenzene	9.452	112	221914	5.35	ug/L	98
52) Ethylbenzene	9.578	91	355158	5.23	ug/L	99
53) m,p-Xylene	9.700	106	140216	5.43	ug/L	97
54) o-Xylene	10.108	106	132932	5.39	ug/L	100
55) Styrene	10.121	104	230616	5.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	80112	5.31	ug/L	99
59) Bromoform	10.298	173	42780	5.16	ug/L	98
60) Isopropylbenzene	10.491	105	349982	5.18	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	58491	4.98	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	277784	5.11	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	286483	5.14	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	185443	5.33	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	183606	5.25	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	175188	5.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	11737	4.87	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	142500	5.13	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	110939	4.85	ug/L	99
71) Naphthalene	14.092	128	178316	4.42	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	109879	5.06	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

